

WHAT IS CLAIMED IS:

1. A resin composition having a softening point of from 80° to 165°C, obtained by reacting a poly C₂₋₄ alkylene terephthalate having a melting point of 200°C or more with a low-molecular weight polyester having a number-average molecular weight of from 400 to 2500.

2. The resin composition according to claim 1, wherein the poly C₂₋₄ alkylene terephthalate and the low-molecular weight polyester are reacted concurrently, further with a trivalent or higher polyvalent monomer.

3. The resin composition according to claim 1, wherein the poly C₂₋₄ alkylene terephthalate is reacted with the low-molecular weight polyester, and the resulting product is further reacted with a trivalent or higher polyvalent monomer.

4. The resin composition according to claim 1, wherein the poly C₂₋₄ alkylene terephthalate is polyethylene terephthalate that is collected for reuse.

5. The resin composition according to claim 1, wherein the low-molecular weight polyester is obtained by polycondensing a carboxylic acid component and an alcohol component, wherein a ratio of the number of carboxyl groups in the carboxylic acid component to the number of hydroxyl group in the alcohol component, i.e. carboxyl group/hydroxyl group, is from 0.9 to 0.4.

6. The resin composition according to claim 1, wherein a weight ratio of the low-molecular weight polyester to the poly C₂₋₄ alkylene terephthalate is from 10/90 to 80/20.

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7. The resin composition according to claim 1, wherein a low-molecular component having a molecular weight of 500 or less is contained in the resin composition in an amount of 4% or less.

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8. The resin composition according to claim 2 or 3, wherein the trivalent or higher polyvalent monomer is a trihydric or higher polyhydric alcohol, which is used in an amount of from 1 to 20 mol per 100 mol of the alcohol component forming the resin composition.

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9. The resin composition according to claim 2 or 3, wherein the trivalent or higher polyvalent monomer is a tricarboxylic or higher polycarboxylic acid compound, which is used in an amount of from 1 to 30 mol per 100 mol of the carboxylic acid component forming the resin composition.

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10. The resin composition according to claim 1, wherein the low-molecular weight polyester is obtained by polycondensing an alcohol component comprising 80% by mol or more of an aliphatic diol having 2 to 8 carbon atoms with a carboxylic acid component.

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11. The resin composition according to claim 1, wherein the carboxylic acid

component comprises a dicarboxylic acid compound, wherein an aromatic dicarboxylic acid compound is contained in the dicarboxylic acid compound in an amount of 80% by mol or more.

5 12. The resin composition according to claim 10, wherein a trivalent or higher polyvalent monomer is contained in an amount of 5% by mol or less of the entire raw material monomer.

10 13. A resin binder for a toner comprising the resin composition as defined in claim 1.

14. The resin binder according to claim 13, wherein the resin composition is contained in an amount of from 50 to 100% by weight.

15 15. A toner comprising the resin binder as defined in claim 13.

16. A process for preparing a resin composition having a softening point of from 80° to 165°C, comprising the step of reacting a poly C₂₋₄ alkylene terephthalate having a melting point of 200°C or more with a low-molecular weight polyester having a number-average molecular weight of from 400 to 2500.

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17. The process according to claim 16, wherein the poly C₂₋₄ alkylene terephthalate and the low-molecular weight polyester are reacted concurrently, further with a trivalent or higher polyvalent monomer.

18. The process according to claim 16, wherein the poly C₂₋₄ alkylene terephthalate is reacted with the low-molecular weight polyester, and the resulting product is further reacted with a trivalent or higher polyvalent monomer.